

REMARKS

The Office Action of 06/19/2007 has been carefully considered. Reconsideration in view of the foregoing amendments and the present remarks is respectfully requested.

Claims 1-10 were rejected as being anticipated by Wildhagen. Claim 1 has been amended to more clearly distinguish over the cited reference. The rejection as it pertains to claims 5 and 9 and their dependent claims is respectfully traversed. Reconsideration is respectfully requested.

In particular, claim 1 has been amended to make clear that the time discrete digital stereo multiplex signal is shifted over a frequency of 19 kHz *to extract at least one of the time-discrete digital stereo sum and the time discrete digital stereo difference signal*. This is not the case with Wildhagen.

Although the elements 37 (PLL) and 18 (upsampler) do not themselves shift the discrete digital stereo multiplex signal over frequency, the PLL 37 does provide a clock signal $\sin(\omega_{pil}t)$ to a mixer 31, and the upsampler 18 provides a clock signal $2\sin(2\omega_{pil}t)$ to a mixer 20. Where $\omega_{pil} = 19\text{kHz}$, these mixers perform frequency shifts of 19kHz and 38kHz, respectively.

However, the shift of 19kHz performed by the mixer 31 is not to extract at least one of the time-discrete digital stereo sum and the time discrete digital stereo difference signal as presently claimed. Rather, the shift performed by the mixer 31 is to *extract the pilot signal*. Wildhagen therefore does not anticipate claim 1 as presently amended.

With respect to claims 5 and 9, the rejection stated: "Wildhagen show two serial frequency shifting circuits (e.g., in Fig. 5, elements 37 and 20)." This is not correct.

As pointed out above, the frequency shifting circuits in Wildhagen are mixers 31 and 20. Together, these do not constitute two *serial* (i.e., serial-connected) frequency shifting circuits. The mixers 31 and 20 operate in parallel. To remove any uncertainty, claims 5 and 9 have been amended to make more explicit this serial connection.

Claim 1 and 4 were again rejected as being anticipated by Therssen. Therssen is not believed to teach or suggest shifting the time discrete digital stereo multiplex signal over a frequency of 19 kHz *to extract at least one of the time-discrete digital stereo sum and the time discrete digital stereo difference signal* as presently claimed. Rather, as in Wildhagen, the shift is performed to extract the pilot signal.

Withdrawal of the rejections and allowance of claims 1-10 is respectfully requested.

Respectfully submitted,



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